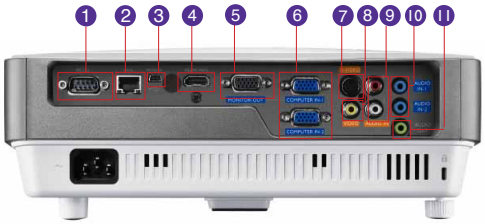
DIGITAL PROJECTOR

MX823ST

Features

- Native XGA (1024x768) Resolution
- 3,200 ANSI Lumens; 13,000:1 Contrast Ratio
- MHL-Enabled HDMI Port
- Up to 10,000 Hours Long Lamp Life
- SmartEco™ Power Saving Technology
- 3D PC & Blu-Ray Ready

Input and Output Terminals



1. RS232 (DB-9pin)
2. LAN (RJ45)
3. USB (Mini-B)
4. HDMI/MHL
5. Monitor Out (D-sub 15pin)
6. Computer-1/2 (D-sub 15pin)
7. S-Video (Mini DIN 4-pin)
8. Composite Video in
9. Audio L/R In (RCA)
10. Audio In 1&2 (Mini Jack)
11. Audio Out (Mini Jack)

Specifications

Projection System	DLP®
Native Resolution	XGA(1024x768)
Brightness	3,200 ANSI lumens
Contrast Ratio	13,000:1
Display Color	1.07 Billion Colors
Lens	F=2.6 f=6.9mm
Aspect Ratio	Native 4:3 (5 aspect ratio selectable)
Throw Ratio	0.61 (78"@0.96m)
Image Size Diagonal	Optimization 60"-129", Maximum 300"
Zoom Ratio	Fixed
Lamp Type	210W
Lamp(Normal/Economic/SmartEcoCare/ LampCare/LumenCare Mode)*	4000/5000/6500/10000/2100 hours
Keystone Adjustment	1D, Vertical +/- 30 degrees
Projection Offset	130% ±5%
Resolution Support	VGA(640 x 480) to UXGA(1600 x 1200)
Horizontal Frequency	15~102KHz
Vertical Scan Rate	23~120Hz
Compatibility	HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM 3D Compatibility: Frame Sequential: Up to 720p Frame Packing: Up to 1080p Side by Side: Up to 1080i/p Top Bottom: Up to 1080p
Interface	Computer in (D-sub 15pin) x 2(Share with component) Monitor out (D-sub 15pin) x 1 Composite Video in (RCA) x 1 S-Video in (Mini DIN 4pin) x 1 HDMI/MHL x 1 Audio in (Mini Jack) x 2 Audio out (Mini Jack) x 1 Audio L/R in (RCA) x 1 Speaker 10W x 1 USB (Type Mini B) x 1 RS232 (DB-9pin) x 1 LAN (RJ45) x 1
Dimensions (WxHxD)	11.3" x 4.5" x 9.15" (w/ feet)
Weight	5.73 lbs (2.6kg)
Power Supply	AC100 to 240 V, 50 to 60 Hz
Power Consumption	270W(Normal), 220W (Eco), Standby<0.5W"
Audible Noise	32/28 dBA (Normal/Economic mode)
On-Screen Display Languages	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)
Picture Mode	Dynamic/Presentation/sRGB/Cinema/User 1/User 2
Accessories (Standard)	Lens Cover, Remote Control w/ Battery, Power Cord, User Manual CD Quick Start Guide, Warranty Card, VGA(D-sub 15pin) Cable
Accessories (Optional)	Spare Lamp Kit P/N: 5J.JAG05.001 Ceiling Mount P/N: 5J.J4N10.001 3D Glasses P/N: 5J.J7K25.001 Carry Bag P/N: 5J.J4R09.001
UPC Code / Part #	8400460-2898-5 / 9H.JAC77.13A
Limited Warranty	3 Years Parts & Labor / 1 Year or 2000 Hours of Lamp Life

*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

MX823ST 12-17-13-BQus

BenQ America Corp.
www.BenQ.us

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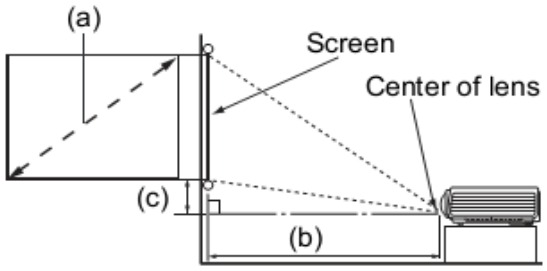
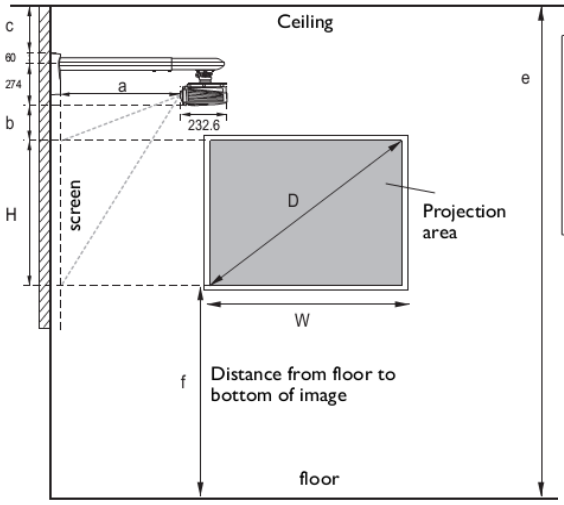
Distance Chart

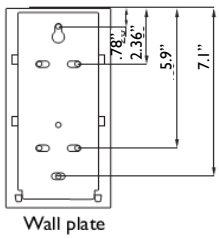
(a) Screen Size				(b) Distance from screen (inch)	(c) Vertical offset (inch)
Diagonal		W (inch)	H (inch)		
Inch	mm				
80	2032	64	48	38.8	7.2
100	2540	80	60	48.6	9.0
120	3048	96	72	58.3	10.7
150	3810	120	90	72.9	13.5
180	4572	144	108	87.4	16.2
200	5080	160	120	97.2	17.9
220	5588	176	132	106.9	19.8
240	6096	192	144	116.6	21.6
270	6858	216	162	131.2	24.2
300	7620	240	180	145.8	27.0

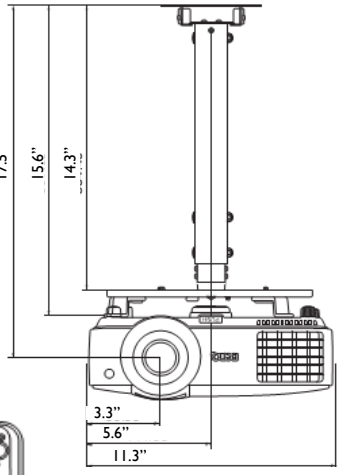


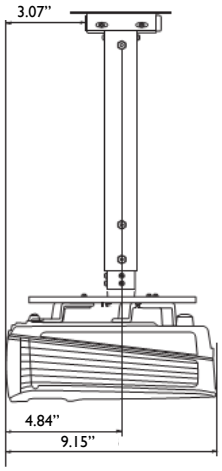
Ceiling Mount Chart

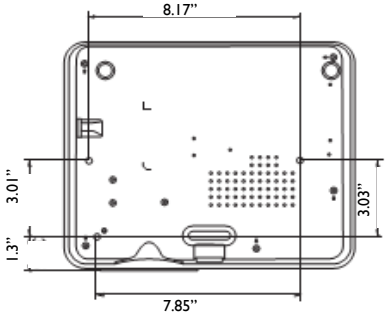
Minimum Ceiling Height (mm) = f + H + b + 60 + 274+ c





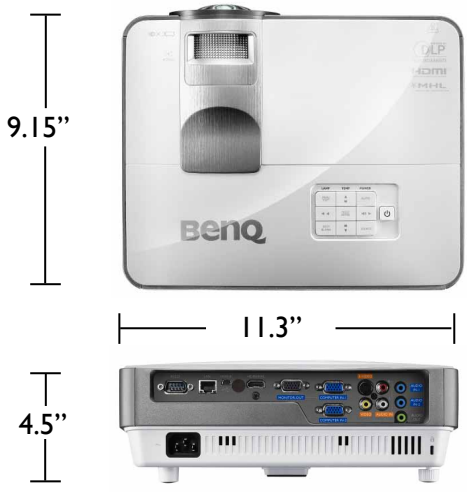






Units: inch

Dimensions



Enjoyment Matters